

CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 5, 6, 8, 19-20, and 24-41.
- After this Amendment: Claims 5, 6, 8, 19-20, and 24-35, and 37-41.

Non-Elected, Canceled, or Withdrawn claims: 36.

Amended claims: 25, 30, 34, 37-39.

New claims: None.

Claims:

1-4. (Cancelled).

5. (Previously Presented) A method as recited in claim 27 wherein a particular device is assigned to multiple groups.

6. (Previously Presented) A method as recited in claim 25 wherein the one or more event handling policies identify the event data that are subscribed by the plurality of event consumers.

7. (Cancelled).

8. (Previously Presented) A method as recited in claim 25 wherein the method is implemented by a management module.

9-18. (Cancelled).

19. (Previously Presented) One or more computer-readable media as recited in claim 31 wherein a particular device is assigned to multiple groups of devices.

20. (Previously Presented) One or more computer-readable media as recited in claim 30 wherein the one or more event-handling policies further identify the event data that are subscribed by the plurality of event consumers.

21-23. (Cancelled).

24. (Previously Presented) A method as recited in Claim 28, wherein the event log further comprises a version of an operating system, a location in a geographic region, a configuration of the system, presence of a particular hardware item, or capacity of a particular hardware item.

25. (Currently amended) A method [[for]] of providing a centralized collection and event data handling mechanism in a Window Management Instrumentation (WMI)

environment ~~an environment supported by Windows Management Instrumentation (WMI) technology for collecting and handling event data, the method~~ comprising:

receiving all event data generated and represented in a common event data format by a plurality of event providers comprising at least a first and a second event provider in a network, the first and second event providers being different from each other, the plurality of event providers comprising components and applications of different types in the network;

determining, in accordance with one or more event handling policies, which of a plurality of event consumers handle the received event data, the plurality of event consumers comprising at least a first and a second event consumer, the first and second event consumers being different from each other, the plurality of event consumers comprising components and applications of different types in the network; and

sending the event data to the plurality of event consumers for direct handling by the plurality of event consumers without altering the common event data format in which the event data is represented ~~comprising the first and second event consumers;~~

wherein:

an extensible common information model (CIM) is utilized to encapsulate managed objects, the managed objects comprising each of the plurality of event providers and each of the plurality of event consumers in the WMI environment;

the CIM is defined by a Managed Object Format (MOF) language and the CIM is implemented by one or more WMI classes; and

the common event data format is implemented by the one or more WMI classes to encapsulate all event data from the managed objects

~~the plurality of event providers comprising the first and second event provider and the plurality of event consumers comprising the first and second event consumer are represented by an extensible common information model (CIM) that encapsulates all the components and applications in the network; and wherein the event data is transmitted in a common event data format from the plurality of event providers to the plurality of event consumers via a common interface that supports the common event data format, the common event data format being configured to encapsulate all event data from the plurality of different event providers including the first and second event providers and be supported by the plurality of different event consumers including the first and second event consumers.~~

26. (Previously Presented) A method as recited in claim 25, further comprising:

creating the one or more event handling policies at least in part on the basis of a plurality of inquiries subscribing the event data from the plurality of event consumers.

27. (Previously Presented) A method as recited in claim 25, further comprising:

assigning a plurality of devices to a group, the assigned devices each having a common state as other devices in the group; and

assigning one or more event handling policies to the group, wherein the assigned policies are associated with each of the devices in the group.

28. (Previously Presented) A method as recited in claim 25, further comprising:

creating an event log, the event log comprising one or more event handling policy.

29. (Previously Presented) A method as recited in claim 26, wherein the creating comprises merging a plurality of event handling policies to a single combined event handling policy.

30. (Currently amended) One or more computer-readable media having stored thereon a computer program that, when executed by one or more processors, performs [[the]] a process of providing a centralized collection and event data handling mechanism supported by Windows Management Instrumentation (WMI) technology in a Window Management Instrumentation (WMI) environment, the process comprising:

receiving all event data generated and represented in a common event data format by a plurality of event providers comprising at least a first and a second event provider in a network, the first and second event providers being different from each other, the plurality of event providers comprising components and applications of different types in the network;

determining, in accordance with one or more event handling policies, which of a plurality of event consumers handle the received event data, the plurality of event consumers comprising at least a first and a second event consumer, the first and second event consumers being different from each other, the plurality of event consumers comprising components and applications of different types in the network; and

sending the event data to the plurality of event consumers for direct handling by the plurality of event consumers without altering the common event data format in which the event data is represented ~~comprising the first and second event consumers;~~

wherein:

an extensible common information model (CIM) is utilized to encapsulate managed objects, the managed objects comprising each of the plurality of event providers and each of the plurality of event consumers in the WMI environment;

the CIM is defined by a Managed Object Format (MOF) language and the CIM is implemented by one or more WMI classes; and

the common event data format is implemented by the one or more WMI classes to encapsulate all event data from the managed objects

~~the plurality of event providers comprising the first and second event provider and the plurality of event consumers comprising the first and second event consumer are represented by an extensible common information model (CIM) that encapsulates all the components and applications in the network; and wherein the event data is transmitted in a common event data format from the plurality of event providers to the plurality of event consumers via a common interface~~

~~that supports the common event data format, the common event data format being configured to encapsulate all event data from the plurality of different event providers including the first and second event providers and be supported by the plurality of different event consumers including the first and second event consumers.~~

31. (Previously Presented) One or more computer-readable media as recited in claim 30, further comprising the process of:

- assigning a plurality of devices to a group, the assigned devices each having a common state as other devices in the group; and
- assigning one or more event handling policies to the group, wherein the assigned policies are associated with each of the devices in the group.

32. (Previously Presented) One or more computer-readable media as recited in claim 30, further comprising the process of:

- creating the one or more event handling policies at least in part on the basis of a plurality of inquiries subscribing the event data from the plurality of event consumers.

33. (Previously Presented) One or more computer-readable media as recited in claim 30, further comprising the process of:

- creating an event log associated with the group, the event log comprising one or more event handling policies.

34. (Currently amended) A system ~~for~~ of collecting and handling event data in a centralized mechanism supported by in a Windows Management Instrumentation (WMI) environment ~~technology~~, the system comprising:

one or more processors;

memory communicated with the one or more processors; and

one or more data stores having stored thereon a management module, when executed by the one or more processors, performing ~~[[the]]~~ a process comprising:

receiving all event data generated and represented in a common event data format by a plurality of event providers comprising at least a first and a second event provider in a network, the first and second event providers being different from each other, the plurality of event providers comprising components and applications of different types in the network;

determining a meta-policy from a plurality of WMI policies as to, ~~in accordance with one or more event handling policies, which one or more of a plurality of event consumers handle the received event data, the determining comprising:~~

associating each of the plurality of WMI policies with at least one of the one or more event consumers, wherein each of the plurality of WMI policies includes information known to the one of the one or more event consumers; and

creating a meta-policy to control applying the plurality of WMI policies to the one of the one or more event consumers, wherein the meta-policy is configured to control the applying by preventing the applying while checking the plurality of WMI policies for conflicts

~~the plurality of event consumers comprising at least a first and a second event consumer, the first and second event consumers being different from each other, the plurality of event consumers comprising components and applications of different types in the network; and~~

~~sending the event data to the plurality of one or more event consumers for direct handling by the plurality of event consumers without altering the common event data format in which the event data is represented based on the meta-policy comprising the first and second event consumers;~~

~~wherein;~~

~~an extensible common information model (CIM) is utilized to encapsulate managed objects, the managed objects comprising each of the plurality of event providers and the one or more event consumers in the WMI environment;~~

~~the CIM is defined by a Managed Object Format (MOF) language and the CIM is implemented by one or more WMI classes; and~~

~~the common event data format is implemented by the one or more WMI classes to encapsulate all event data from the managed objects~~

~~the plurality of event providers comprising the first and second event provider and the plurality of event consumers comprising the first and second event consumer are represented by an extensible common information model (CIM) that encapsulates all the components and applications in the network; and wherein the event data is transmitted in a common event data format from the plurality of event providers to the plurality of event consumers via a common interface~~

~~that supports the common event data format, the common event data format being configured to encapsulate all event data from the plurality of different event providers including the first and second event providers and be supported by the plurality of different event consumers including the first and second event consumers.~~

35. (Previously Presented) A system as recited in claim 34, further comprising a plurality of devices, the devices being coupled to the management module.

36. (Cancelled).

37. (Currently amended) A system as recited in claim 35, wherein the plurality of devices are assigned to a group, and the meta-policy is one or more event handling policies are assigned to the group.

38. (Currently amended) A system as recited in claim 37, wherein the meta-policy one or more event handling policies assigned to the group ~~[[are]]~~ is associated with each of the plurality of devices in the group.

39. (Currently amended) A system as reciting to claim 34, wherein the meta-policy is one or more event handling policies are created by merging ~~[[a]]~~ the plurality of ~~event handling~~ WMI policies.

40. (Previously Presented) A system as recited in claim 34, further comprising:

a database configured to store the event data, the database being coupled to the management module.

41. (Previously Presented) A system as recited in claim 34, further comprising:

an event log configured to administrate the one or more event handling policies, the event log being coupled to the management module.